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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/913,324	12/03/2001	Jury V. Lakhotkin	7095HL-1	7086
7590	07/08/2003			
Brent P Johnson 1560 Broadway Suite 1200 Denver, CO 80202-5141			EXAMINER TURNER, ARCHENE A	
		ART UNIT 1775	PAPER NUMBER 11	
		DATE MAILED: 07/08/2003		

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/913,324	LAKHOTKIN ET AL.	
	Examiner Archene Turner	Art Unit 1775	

-- The MAILING DATE of this communication app ars on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 05 June 2003.

2a) This action is FINAL. 2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

4) Claim(s) 1-89 is/are pending in the application.

4a) Of the above claim(s) 7,31-66,68,70-89 is/are withdrawn from consideration.

5) Claim(s) _____ is/are allowed.

6) Claim(s) 1-6,8-30,67 and 69 is/are rejected.

7) Claim(s) _____ is/are objected to.

8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11) The proposed drawing correction filed on _____ is: a) approved b) disapproved by the Examiner.
 If approved, corrected drawings are required in reply to this Office action.

12) The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) All b) Some * c) None of:

1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. _____.
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).

a) The translation of the foreign language provisional application has been received.

15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)
3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) <u>8</u>	6) <input type="checkbox"/> Other: _____

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1. Applicant's election with traverse of Group I in Paper No. 10 is acknowledged.

The traversal is on the ground(s) that the technical aspect that links the claims is the tungsten carbide. This is not found persuasive because the claims are clear that there are many forms of tungsten carbide and the restriction stands.

The requirement is still deemed proper and is therefore made FINAL.

2. Claims 7,31-66,68,70-89 are withdrawn from further consideration pursuant to 37 CFR 1.142(b), as being drawn to a nonelected inventions there being no allowable generic or linking claim. Applicant timely traversed the restriction (election) requirement in Paper No. 10.

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1,3-6,8-10,12-24,26-29,67,69 are rejected under 35 U.S.C. 102(b) as being anticipated by Garg et al (5,006,371).

Garg et al discloses the claimed tungsten carbide coating separated by W layer and the method of making thereof. The inclusion of fluorine is considered inherent since that claimed initial ingredients are used to make the tungsten carbide.

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5. Claims 1,2,35, 30 are rejected under 35 U.S.C. 102(b) as being anticipated by Sumitomo Electric (JP 06 173009).

Sumitomo Electric discloses the claimed tungsten carbide coating separated by W layer and the method of making thereof. The inclusion of fluorine is considered inherent since that claimed initial ingredients are used to make the tungsten carbide.

6. Claims 1,4-6, 12-14, 18-19, 27,28 are rejected under 35 U.S.C. 102(b) as being anticipated by Tokunaga et al (4,980,201).

Tokunaga et al discloses the claimed tungsten carbide coating separated by W layer and the method of making thereof. The inclusion of fluorine is considered inherent since that claimed initial ingredients are used to make the tungsten carbide.

7. Any inquiry regarding this communication or earlier communications from the Examiner should be directed to Archene Turner, whose telephone number is (703) 308-4344. The Examiner can normally be reached Monday to Thursday from 8:30 AM to 6:00 PM.

A facsimile center has been established in Group 1700, Crystal Plaza 2, 8th floor, reception area. The hours of operation are Monday through Friday, 8:45 AM to 4:45 PM. The telecopier number for accessing the facsimile machine is (703) 305-3599 (for official after final faxes) or (703) 305-5408 (for all other official faxes). This location

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should be used in all instances when faxing any correspondence to Art Unit 1775. Use of the Group 1700 center will facilitate rapid delivery of materials to Examiners in Art Unit 1775.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 308-0661.



**A. A. Turner
Primary Examiner
Group 1700**

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